

StreetBond Over Concrete

StreetBond coatings over concrete adhere well to most Portland Concrete (PCC) Substrates. The following is the recommended procedure for preparing the surface to achieve good bond between the coatings and the concrete.

It is essential that the concrete surface is clean and does not have a smooth film or laitance on the surface. New concrete tends to have this laitance, which could affect the bond of the coating. StreetBond coatings stick to concrete by means of a mechanical bond, ie the coating interlocks with concrete and aggregate particles, whereas when used on asphalt the coating bonds to the asphalt surface by both mechanical bonding and chemical bonding or polymer cross linking.

In most cases the preparation of the concrete surface can be done using a power washer. However, if the concrete is new, it should be roughened up by applying a light coating of muriatic acid (7-10%), then washing off with water. Allowing a 28 day cure cycle to new concrete is also recommended. If the concrete has been painted, this will have to be removed or roughened up sufficiently for the mechanical bond to work. Removal of paint and roughening up can be done by sand blasting.

StreetBond CemBase is not recommended over concrete.

Apply StreetBond as per standard application instructions.